Equity in Excellence

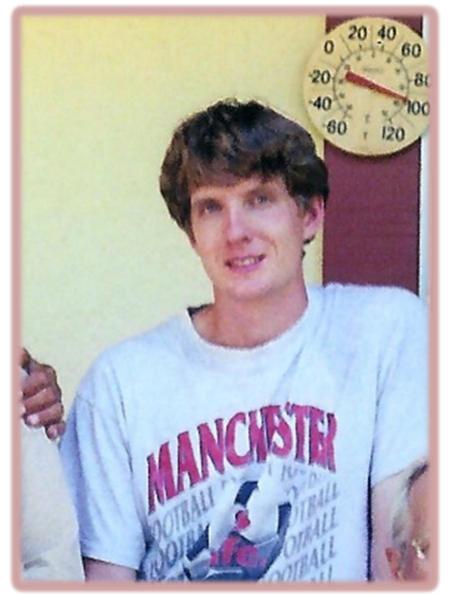
Community College of Aurora Metropolitan State University of Denver University of Colorado at Denver

A Project led by the Center for Urban Education at the Rossier School of Education, USC

James Gray
Chair, Mathematics Department
Community College of Aurora







Alicia Dowd

Estela Bensimon



USCRossier

Center for Urban Education Co-Directors





The Equity Scorecard



Laying the Groundwork

Defining the Problem

Assessing Interventions

Implementing Solutions

Evaluating Results

Equity is not...

Equity is an abstract concept that holds different meanings for different people. One of the most common misperceptions is that equity is a concept synonymous with equality or with diversity.



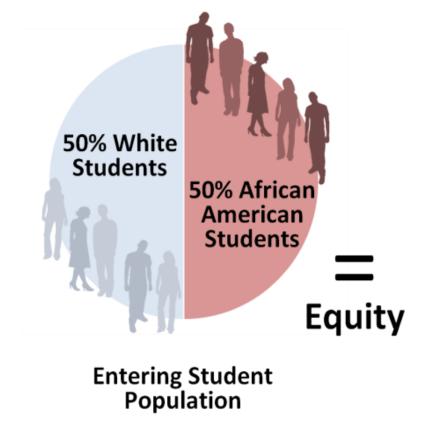


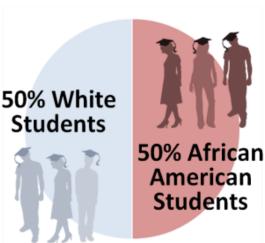


Equity is...

Representational Equity: The proportional

participation of historically underrepresented student populations at all levels of an institution.





Graduating Student Population



Cultural Artifacts



Turning Practitioners into Anthropologists

CUE Protocols for Inquiry

- Data
- Syllabus Review
 - Observations of First Day of Class
- Course Inventory



	Completed	Completed Mat 050		
	045 and 060	Spring 2014		
Total	24.1%	45.2%		



	Completed	Completed Mat 050		
	045 and 060	Spring 2014		
Total	24.1%	45.2%		
Black	17.2%	29.6%		
Hispanic	27.9%	42.2%		
White	27.9%	67.4%		

Total



-11.8%

Comparison of Two Teacher's Success Rates						
	Teacher 1 Teacher 2 Difference					

66.3%

173

78.0%

255



Comparison of Two Teacher's Success Rates

Ethnicity	Teac	her 1	Tea	cher 2	Difference
Asian	29	75.9%	24	88.3%	-7.5%
Black Non-Hispanic	47	55.3%	43	69.8%	-14.4%
Hispanic	32	62.5%	21	90.5%	-28.0%
White Non-Hispanic	126	70.6%	68	73.5%	-2.9%
Total	255	66.3%	173	78.0%	-11.8%

Cultural Artifacts – Documents



Statements from Syllabi Review

"The scope of the MAT 050 class will cover the equivalent of three years of math in a traditional pre-college classroom."

Cultural Artifacts – Documents



Statement from Syllabi Review

"Attendance is Mandatory! There is no such thing as an excused absence. Up to 90% of your grade in the course will be based on your participation in activities that take place in class."

Observation of First Day of Class

- Students coming in late
- Texting in class
- One student leaving to answer a phone

The Culture of Higher Education (



What We Learned

Good data can hide really bad data

Our culture speaks louder than our words and intentions.

There is a pervasive and specious belief that equitable outcomes cannot be achieved without fixing broken students or lowering standards

The outliers are not outliers by chance, and we can teach others to be outliers



Faculty Quotes

"As I began digging into the protocol and looking into my teaching practices, I realized that I made many assumptions."

"I'd make assumptions – they aren't capable of doing it, they don't have the prerequisite skills; or, they aren't committed, they have too much other stuff on their plates, their lives are too messy."

"I realized that none of that, true or not, mattered one bit...It is up to me to make them do what they need to do to be successful."



Ethnicity	2 Years Prior	2014/2015	Difference
Black Non-Hispanic	50.0%	83.3%	+33.3%
Hispanic	55.0%	62.5%	+7.5%
White Non-Hispanic	66.3%	76.0%	+9.7%
Total	61.8%	78.1%	+16.3%



Faculty Quotes

"So I tried something different. I got in the faces of these huge boys and told them that they were too smart to fail my class and I was not going to put up with it...."

"....Then the weirdest thing happened... They kept showing up.

"I came to see that many of my behaviors were white middle-class woman behaviors.



Ethnicity	2 Years Prior	2014/2015	Difference
Black Non-Hispanic	43.5%	63.6%	+20.1%
Hispanic	78.9%	75.0%	-3.9%
White Non-Hispanic	65.9%	81.8%	+15.9%
Total	56.4%	68.4%	+12.0%

Why We Look at Race/Ethnicity COMMUNITY COMMUN



	Completed	Completed Mat 050		
	045 and 060	Spring 2014		
Total	24.1%	45.2%		
Black	17.2%	29.6%		
Hispanic	27.9%	42.2%		
White	27.9%	67.4%		

Why We Look at Race/Ethnicity COMMUNITY COMMUN



	Completed	Completed Mat 050		
	045 and 060	Spring 2014	Fall 2014	
Total	24.1%	45.2%	57.1%	
Black	17.2%	29.6%	42.6%	
Hispanic	27.9%	42.2%	60.9%	
White	27.9%	67.4%	69.4%	

Why We Look at Race/Ethnicity COMMUNITY COMMUN



	Completed	Completed Mat 050		
	045 and 060	Spring 2014	Fall 2014	Spring 2015
Total	24.1%	45.2%	57.1%	63.5%
Black	17.2%	29.6%	42.6%	56.9%
Hispanic	27.9%	42.2%	60.9%	67.3%
White	27.9%	67.4%	69.4%	65.0%

FIVE PRINCIPLES FOR CREATING EQUITY BY DESIGN

